

**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION**  
(Joint Inventors)

We as the below named inventors, declare that:

Our residences, post office addresses and citizenships are as stated below next to our names.

We believe we are the original, first and joint inventors of the subject matter which is claimed and for which patent is sought on the invention entitled:

**PROBE CARD FOR SEMICONDUCTOR WAFERS AND  
METHOD AND SYSTEM FOR TESTING WAFERS**

the specification of which (check one)

is attached hereto.  
 was filed on February 10, 1997 as Application  
Serial No. 08/797,719  
and was amended on (if applicable) \_\_\_\_\_.

We hereby state that we have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Sec. 1.56(a).

We hereby claim foreign priority under Title 35, United States Code, Sec. 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed: NONE

We hereby claim the benefit under Title 35, United States Code, Sec. 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Sec. 11, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Sec. 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application: NONE

**POWER OF ATTORNEY:** We hereby appoint as our attorneys, STEPHEN A. GRATTON, Registration No. 28,418; MICHAEL L. LYNCH, Registration No. 30,871; and LIA M. DENNISON, Registration No. 34,095; with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith. All correspondence should be directed to:

STEPHEN A. GRATTON  
10275 Gumbark Place  
San Diego, CA 92131

DIRECT TELEPHONE CALLS TO:

STEPHEN A. GRATTON  
Telephone: (619) 621-9045

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Wherefore, we pray that Letters Patent be granted to us for the invention or discovery described and claimed in the foregoing specification and claims, declaration, power of attorney, and this petition.

INVENTOR'S FULL NAME:

DAVID R. HEMBREE

INVENTOR'S SIGNATURE:



5/13/97

DATE OF SIGNATURE:

RESIDENCE (CITY AND STATE)

Boise, Idaho

CITIZENSHIP:

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POST OFFICE ADDRESS:

10855 Smoke Ranch Drive  
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INVENTOR'S FULL NAME:

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INVENTOR'S SIGNATURE:

Warren M. Faworth

DATE OF SIGNATURE:

5-13-97

RESIDENCE (CITY AND STATE)

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CITIZENSHIP:

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POST OFFICE ADDRESS:

2004 S. Banner  
Nampa, ID 83686

INVENTOR'S FULL NAME:

SALMAN AKRAM

INVENTOR'S SIGNATURE:

Salman Akram

DATE OF SIGNATURE:

5/13/97

RESIDENCE (CITY AND STATE) :

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CITIZENSHIP (COUNTRY) :

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POST OFFICE ADDRESS:

1463 E. Regatta Street  
Boise, ID 83706

INVENTOR'S FULL NAME:

ALAN G. WOOD

INVENTOR'S SIGNATURE:

Alan G. Wood

5/13/97

DATE OF SIGNATURE:

Boise, Idaho

RESIDENCE (CITY AND STATE) :

United States of America

CITIZENSHIP (COUNTRY) :

1366 E. Versailles Court

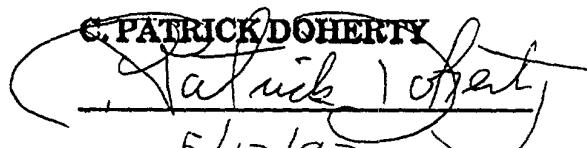
POST OFFICE ADDRESS:

Boise, ID 83706

INVENTOR'S FULL NAME:

C. PATRICK DOHERTY

INVENTOR'S SIGNATURE:



Patrick Doherty

5/13/97

DATE OF SIGNATURE:

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Boise, Idaho

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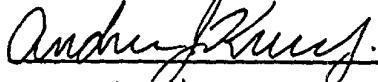
POST OFFICE ADDRESS:

7203 E. Columbia Road  
Boise, ID 83706

INVENTOR'S FULL NAME:

ANDREW J. KRIVY

INVENTOR'S SIGNATURE:



5/13/97

DATE OF SIGNATURE:

RESIDENCE (CITY AND STATE)

Boise, Idaho

CITIZENSHIP:

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POST OFFICE ADDRESS:

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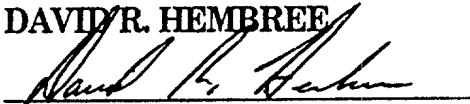
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INVENTOR'S SIGNATURE:



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INVENTOR'S FULL NAME:

**WARREN M. FARNWORTH**

INVENTOR'S SIGNATURE:

Warren M. Farnworth

DATE OF SIGNATURE:

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INVENTOR'S FULL NAME:

**SALMAN AKRAM**

INVENTOR'S SIGNATURE:

Salman Akram

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CITIZENSHIP (COUNTRY):

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INVENTOR'S FULL NAME:

**ALAN G. WOOD**

INVENTOR'S SIGNATURE:

Alan G. Wood

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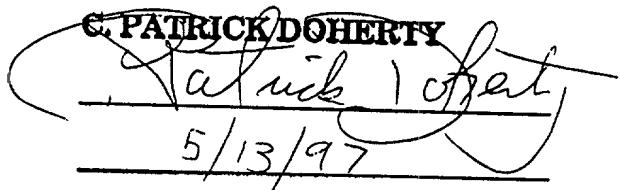
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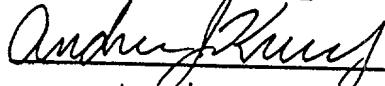
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United States of America

CITIZENSHIP:

4002 Rushmore Way  
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POST OFFICE ADDRESS:

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Application of:

DAVID R. HEMBREE  
WARREN M. FARNWORTH  
SALMAN AKRAM  
ALAN G. WOOD  
C. PATRICK DOHERTY  
ANDY J. KRIVY

Serial No.: 08/797,719

Filing Date: FEBRUARY 10, 1997

Title: PROBE CARD FOR SEMICONDUCTOR WAFERS AND METHOD AND  
SYSTEM FOR TESTING WAFERS

Attorney Docket No.: 96-750

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ASSIGNMENT:

Enclosed for recording  
 Previously recorded

Date: \_\_\_\_\_

Reel: \_\_\_\_\_

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt,  
sufficiency, and adequacy of which are hereby acknowledged,  
the undersigned do hereby:

SELL, ASSIGN, AND TRANSFER to Micron Technology, Inc.  
(the "Assignee"), a corporation of the State of Delaware,  
having a place of business at 8000 South Federal Way, Boise,  
Idaho 83706-9632, the entire right, title, and interest for  
the United States and all foreign countries, in and to any  
and all improvements which are disclosed in the application  
for United States Letters Patent, which will be executed by  
the undersigned and is entitled: **PROBE CARD FOR  
SEMICONDUCTOR WAFERS AND METHOD AND SYSTEM FOR TESTING  
WAFERS**; such application and all divisional, continuing,  
substitute, renewal, reissue, and all other applications for  
patent which have been or shall be filed in the United States  
and all foreign countries on any of such improvements; all  
original and reissued patents which have been or shall be  
issued in the United States and all foreign countries on such  
improvements; and specifically including the right to file  
foreign applications under the provisions of any convention  
or treaty and claim priority based on such application in the  
United States of America;

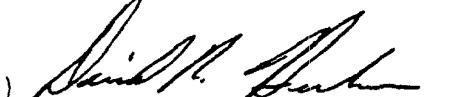
AUTHORIZE AND REQUEST, the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney, and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining, and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

TO BE BINDING on the heirs, assigns, representatives, and successors of the undersigned and extend to the successors, assigns, and nominees of the Assignee.

(Signature)

  
DAVID R. HEMBREE

Date

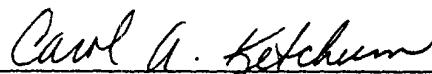
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STATE OF IDAHO

ss.

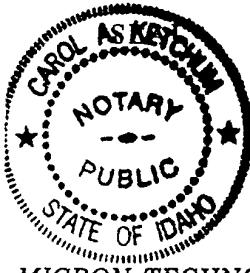
COUNTY OF ADA

BEFORE ME, this 13<sup>th</sup> day of May, 1997, personally appeared the above named individual(s), to me known to be the person(s) who is (are) described in and who executed the foregoing assignment instrument and acknowledged to me that he/she executed the same of his/her (their) own free will for the purpose therein expressed.



Notary or Consular Officer of the  
United States of America

My Commission Expires: 5-24-01



MICRON TECHNOLOGY, INC.

(Signature) Warren Farnworth  
WARREN M. FARNWORTH

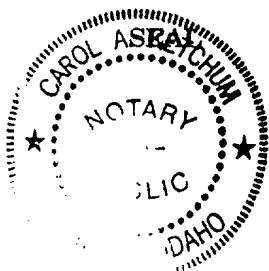
Date 5-13-97

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who is (are) described in and who executed the  
foregoing assignment instrument and acknowledged  
to me that he/she executed the same of his/her  
(their) own free will for the purpose therein  
expressed.



Carol A. Ketchum  
Notary or Consular Officer of the  
United States of America

My Commission Expires: 5-24-01

(Signature) Salman Akram  
SALMAN AKRAM

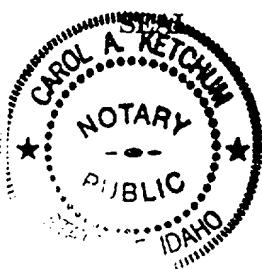
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expressed.



Carol A. Ketchum  
Notary or Consular Officer of the  
United States of America

My Commission Expires: 5-24-01



(Signature)

Andrew Kriv  
ANDREW J. KRIVYDate 13 MAY 97

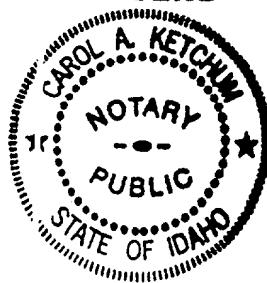
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SEAL

Carol A. KetchumNotary or Consular Officer of the  
United States of AmericaMy Commission Expires: 5-24-01